Hydrogen Fuel Stations Fire Inspectors View

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- Section 2209 Hydrogen Motor Fuel-Dispensing and Generation Facilities
- Section 2209.2 Equipment
 - Listed and Approved equipment

No Smoking Sign and Ignition
 Sources

- Section 2209.3.2.3.2 and 2209.3.2.3.3 refers to
- Chapter 35 Flammable Gases.
 Section 3503.1.4 refers to
- Chapter 27 Hazardous Materials Section 2703.7 states no smoking or ignition sources can be within 25 feet.

Can anyone use hydrogen dispensing stations?

 Only trained personnel can fuel vehicles



- Hindenburg Zeppelin
 - Stored over 7 million cubic feet of Hydrogen Gas
 - 16 fuel cells made of 100% cotton coated
 - in a cellulous dope solution
 - Outer skin coated with an aluminum dope solution

Ignition Energy of H_2 , CH_4 , and Gasoline with Air









